



ABSTRACT

A rotary wing having a spar that flexes and crosses the axis of the spar in two or more points. The spar mounts a flying surface extending spanwise and rotatable about the longitudinal axis of the spar without the transmission of flexural movement to the wing sheets. The spar mounts a rib extending chordwise and rotatable about the spar and comprising rib means extending spanwise and positioned such that they can engage a portion of the wing sheets and transmit rotation to the wing sheets without interfering with the relative movement between the wing sheets and the spar. The chordwise rib is adapted to receive power transmission such that while rotating is capable to transmit rotation to the wing sheets through the spanwise extending rib means. The transmission of rotation to the wing sheets is achieved without transmission of rotation to the spar.